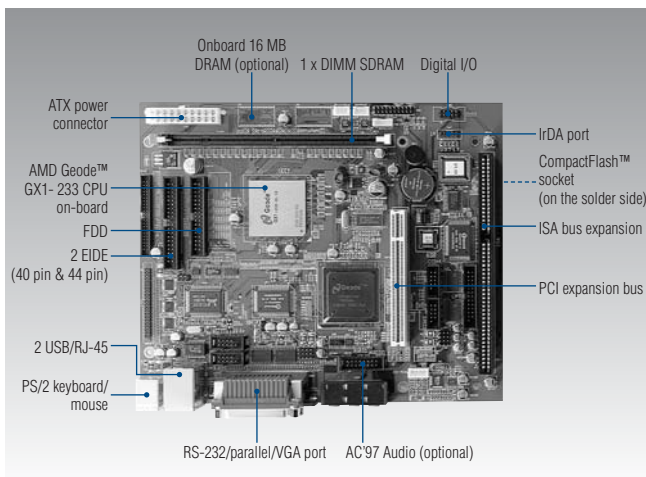


# POS-7551

## AMD Geode™ Flex ATX POS SBC with CPU, Audio, VGA/LCD and Ethernet



### Specifications

- **CPU** Embedded fanless low power AMD Geode GX1- 233, GX1-300 (optional)
- **System Memory** SDRAM DIMM x 1 up to 128 MB; 16 MB DRAM on-board (POS-7551F only)
- **First Level Cache** 16 KB, for Data/Instruction
- **Chipset** AMD CS5530A
- **BIOS** Award 2 Mbit Flash BIOS
- **SSD** Supports CompactFlash™ card (POS-7551F only)
- **Watchdog Timer** Selectable 1 ~ 62 seconds
- **Expansion Interface** 1 PCI Slot, 1 ISA Slot
- **Power Management** Supports Advanced Power Management

### I/O

- **I/O Ports** 2 x EIDE, 1 x Keyboard, 1 x Mouse, 1 x FDD, 2 x parallel ports, supports EPP/ECP parallel mode, 4 x serial ports support power line connection in pin 9 via jumper selection
- **IrDA** 115 Kbps SIR port, IrDA 1.0 compliant
- **DIO** 2 TTL digital out, 2 TTL digital in
- **Audio** Supports Speaker, Line-in, Line-out, Microphone, CD-in (POS-7751F only)
- **USB** 2 USB ports, USB 1.1 compliant

### Ethernet

- **Chipset** Realtek RTL8139C
- **Interface** IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T Fast Ethernet Compatible. Built-in boot ROM in BIOS Flash

### Display

- **Chipset** AMD CS5530A
- **Memory** 1-4 MB UMA
- **Resolution** 1280 x 1024 @ 16 bpp non-interlaced; 1024 x 768 @ 18 bpp TFT LCD
- **LCD Interface** 16-bit SVGA supporting CRT and LCD display, 18-bit Support TFT LCD panel
- **High Drive** LCD signal

### Features

- MD GX1-233 CPU on board, fanless
- Supports CompactFlash™
- Supports 10/100BASE-T PCI Ethernet with wake-on-LAN
- Supports AC'97 Audio function
- Supports ATX power connector
- Supports 115.2 Kbps SIR
- Supports digital I/O ( 2 In & 2 Out)
- 16 MB DRAM onboard (POS-7551F only)

### Mechanical and Environmental

- **Size/Weight** 299 mm x 191 mm (9" x 7.5"), 0.5 kg (1.1 lbs)
- **Power Consumption** Typical: 5 V @ 1.86 A (w/GX1-233+128 MB RAM)  
Max : 5 V @ 3.16 A
- **Temperature** 0 ~ 60° C (32 to 140° F), operation
- **Operation Humidity** 0% ~ 90% relative humidity, non-condensing

### Packing List

- 1 POS-7551 SBC
- 1 FDD cable (p/n:1701340700)
- 1 HDD cable (p/n:1701400601)
- 1 serial cable (p/n:1701100300)
- Audio cable (POS-7551F) (p/n:1700160160)
- Startup manual
- Utility CD

### Ordering Information

#### Standard

- **POS-7551-00A1** AMD Geode GX1-233 Flex ATX POS SBC
- **POS-7551F-00A1** Same as POS-7551-00A1, but w/16 MB DRAM, Audio & CFC support

#### Optional

- **POS-7815** Flex ATX form factor chassis for POS application
- **1701100300** Serial cable
- **1701260301** Parallel cable

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